

XOB #1BDE: AR - Standard Core - (Filter-Ratio with Al/poly and thin-Be long/short pairs) with PFB, 384x384 at 1064 1048, thin-Be, and Al/poly context, with

| Term | Pointing (x, y) | Comment |
|-----------------------------------|--|--|
| 02/09 14:18:00 - 02/09 17:31:00 | Track (-319.1, -45.9) @ 02/09 14:15:00 | AR 12699 |
| 02/09 18:09:30 - 02/10 05:40:24 | Track (-284.5, -44.5) @ 02/09 18:06:30 | #Cont. |
| 02/10 05:53:30 - 02/10 09:27:30 | Track (-177.2, -41.3) @ 02/10 05:50:30 | #Cont. |
| PROG= 16 Inf-time(s) | | |
| Subr= 1 1-time(s) 2.0sec | | |
| Seqn= 92 1-time(s) 2.0sec | | |
| Open/G-band Open/G-band open | Safe Norm 1ms Obs 1x1 384x384 (1064, 1048) | DPCM 0 0 2.0sec |
| Open/G-band Open/G-band close | Safe Norm 1ms Obs 1x1 384x384 (1064, 1048) | DPCM 0 0 2.0sec |
| Open/Ti-poly Open/thick-Al close | Safe Dark 16.0s Obs 1x1 384x384 (1064, 1048) | Q=98 0 0 2.0sec |
| Subr= 2 5-time(s) 2.0sec | | |
| Seqn= 75 1-time(s) 2.0sec | | |
| Al-poly/Open thin-Be/Open close | Safe Norm 250ms Obs 1x1 384x384 (1064, 1048) | Q=95 2 0 2.0sec |
| Al-poly/Open thin-Be/Open close | Safe Norm 250ms Obs 1x1 384x384 (1064, 1048) | Q=95 3 0 2.0sec |
| thin-Be/Open med-Be/Open close | Safe Norm 500ms Obs 1x1 384x384 (1064, 1048) | Q=95 2 0 2.0sec |
| thin-Be/Open med-Be/Open close | Safe Norm 500ms Obs 1x1 384x384 (1064, 1048) | Q=95 3 0 2.0sec |
| Seqn= 96 4-time(s) 72.0sec | | |
| Al-poly/Open thin-Be/Open close | Safe Norm 250ms Obs 1x1 384x384 (1064, 1048) | Q=95 1 0 2.0sec |
| thin-Be/Open med-Be/Open close | Safe Norm 500ms Obs 1x1 384x384 (1064, 1048) | Q=95 1 0 2.0sec |
| Al-poly/Open thin-Be/Open close | Safe Norm 250ms Obs 1x1 384x384 (1064, 1048) | Q=95 1 1 2.0sec |
| thin-Be/Open med-Be/Open close | Safe Norm 500ms Obs 1x1 384x384 (1064, 1048) | Q=95 1 1 2.0sec |
| Al-poly/Open thin-Be/Open close | Safe Norm 250ms Obs 1x1 384x384 (1064, 1048) | Q=95 1 2 2.0sec |
| thin-Be/Open med-Be/Open close | Safe Norm 500ms Obs 1x1 384x384 (1064, 1048) | Q=95 1 2 2.0sec |
| Default Filter | Thicker Filter VLS mode image Exp. CCD Bin | ROI: size (center) Comp. AEC Buffer Interval |

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Flare mode

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XOB #1B8E: Flare - multifilter 26 sec cadence (Be/thin, Be/med, Al/thick), AEC 3(thin-Be AEC2), 384x384 + context (med-Al,thick-Be -384x384 + Al-poly 512

| Term | Pointing (x, y) | Comment |
|-------------------------------------|--|--|
| 02/08 11:06:00 - 02/08 12:19:54 | Track (-548.4, -59.3) @ 02/08 11:03:00 | # OP start + 10min AR 12699 |
| 02/08 12:23:00 - 02/08 13:59:54 | Track (-561.7, -65.7) @ 02/08 12:20:00 | HOP 341 |
| 02/08 14:03:00 - 02/08 17:59:54 | Track (-525.1, -57.5) @ 02/08 14:00:00 | AR 12699 |
| 02/08 18:13:00 - 02/09 06:08:24 | Track (-491.4, -55.1) @ 02/08 18:10:00 | #Cont. |
| 02/09 06:21:30 - 02/09 12:35:24 | Track (-389.0, -49.1) @ 02/09 06:18:30 | #Cont. |
| 02/09 12:38:30 - 02/09 14:14:54 | Track (-359.8, -53.1) @ 02/09 12:35:30 | HOP 341 |
| 02/09 14:18:00 - 02/09 17:31:00 | Track (-319.1, -45.9) @ 02/09 14:15:00 | AR 12699 |
| 02/09 18:09:30 - 02/10 05:40:24 | Track (-284.5, -44.5) @ 02/09 18:06:30 | #Cont. |
| 02/10 05:53:30 - 02/10 09:27:30 | Track (-177.2, -41.3) @ 02/10 05:50:30 | #Cont. |
| PROG= 13 30-time(s) | | |
| Subr= 1 20-time(s) 2.0sec | | |
| Seqn= 11 1-time(s) 2.0sec | | |
| Al-poly/Open Al-poly/thick-Al close | Safe Norm 125ms Obs 2x2 512x512 (1024, 1024) | Q=95 2 0 2.0sec |
| Seqn=100 1-time(s) 10.0sec | | |
| thin-Be/Open med-Be/Open close | Safe Norm 125ms Obs 1x1 384x384 (1024, 1024) | Q=95 2 0 2.0sec |
| med-Be/Open Open/thick-Al close | Safe Norm 250ms Obs 1x1 384x384 (1024, 1024) | Q=95 3 0 2.0sec |
| Open/thick-Al Open/thick-Be close | Safe Norm 1.00s Obs 1x1 384x384 (1024, 1024) | Q=95 3 0 2.0sec |
| Subr= 2 1-time(s) 2.0sec | | |
| Seqn= 10 1-time(s) 2.0sec | | |
| med-Al/Open med-Al/thick-Al close | Safe Norm 500ms Obs 1x1 384x384 (1024, 1024) | Q=95 3 0 2.0sec |
| Open/thick-Be Open/thick-Be close | Safe Norm 2.00s Obs 1x1 384x384 (1024, 1024) | Q=95 3 0 2.0sec |
| Seqn= 11 1-time(s) 2.0sec | | |
| Al-poly/Open Al-poly/thick-Al close | Safe Norm 125ms Obs 2x2 512x512 (1024, 1024) | Q=95 2 0 2.0sec |
| Seqn= 87 1-time(s) 2.0sec | | |
| Open/G-band Open/G-band open | Safe Norm 1ms Obs 1x1 384x384 (1024, 1024) | Q=98 0 0 2.0sec |
| Open/G-band Open/G-band close | Safe Norm 1ms Obs 1x1 384x384 (1024, 1024) | Q=98 0 0 2.0sec |
| Open/thick-Al Open/thick-Al close | Safe Dark 1.00s Obs 1x1 384x384 (1024, 1024) | Q=98 0 0 2.0sec |
| Open/thick-Al Open/thick-Al close | Safe Dark 1.00s Obs 2x2 512x512 (1024, 1024) | Q=98 0 0 2.0sec |
| Default Filter | Thicker Filter VLS mode image Exp. CCD Bin | ROI: size (center) Comp. AEC Buffer Interval |

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Active Region Search

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NOT USED

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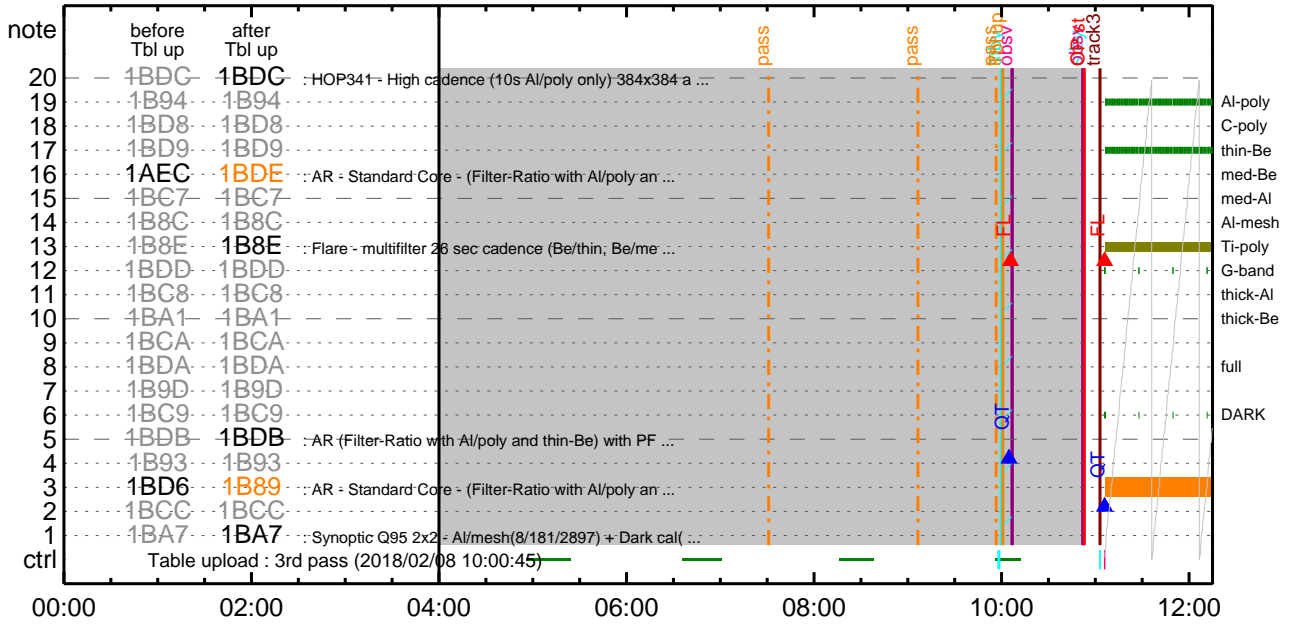
Flare Detection

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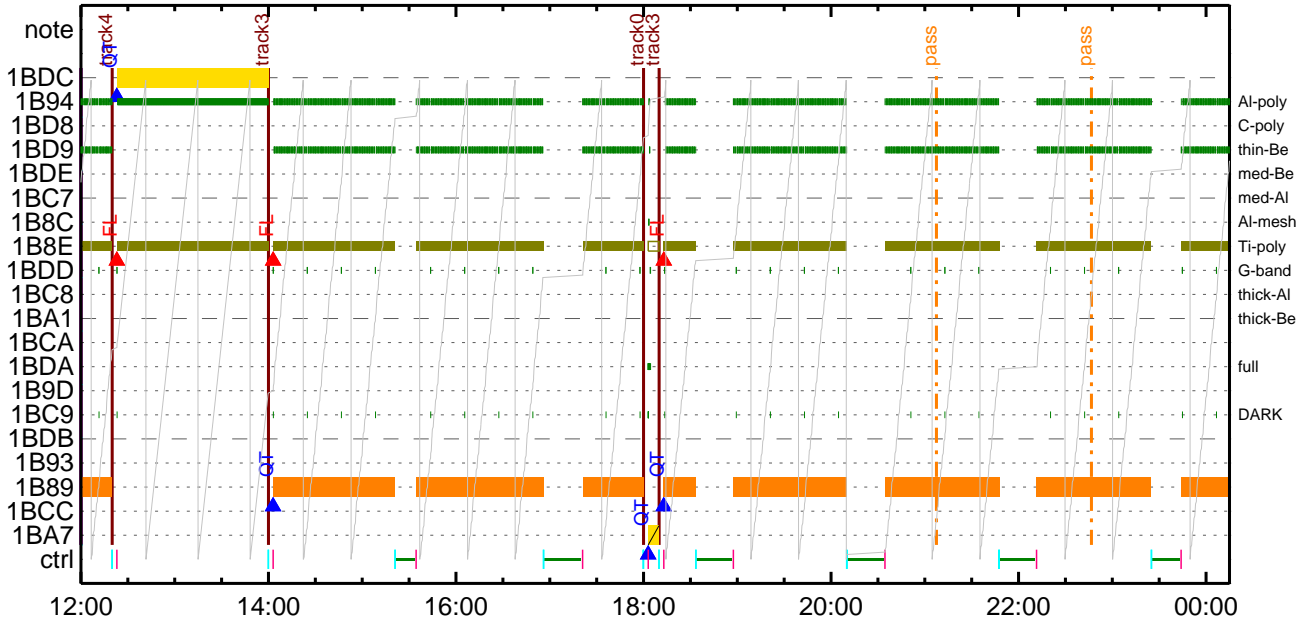
FLD Patrol

| Term | Pointing (x, y) | Comment |
|---------------------------------|--|--|
| 02/08 18:10:18 - 02/09 06:08:48 | Track (-491.4, -55.1) @ 02/08 18:10:00 | #Cont. |
| 02/09 06:18:48 - 02/09 17:56:48 | Track (-389.0, -49.1) @ 02/09 06:18:30 | #Cont. |
| 02/09 18:06:48 - 02/10 05:40:48 | Track (-284.5, -44.5) @ 02/09 18:06:30 | #Cont. |
| 02/10 05:50:48 - 02/10 10:01:00 | Track (-177.2, -41.3) @ 02/10 05:50:30 | #Cont. |
| Al-poly/Open Al-poly/Open close | Safe Norm 8ms Obs 8x8 | Q=50 80sec |
| Default Filter | Thicker Filter VLS mode image Exp. CCD Bin | ROI: size (center) Comp. AEC Buffer Interval |

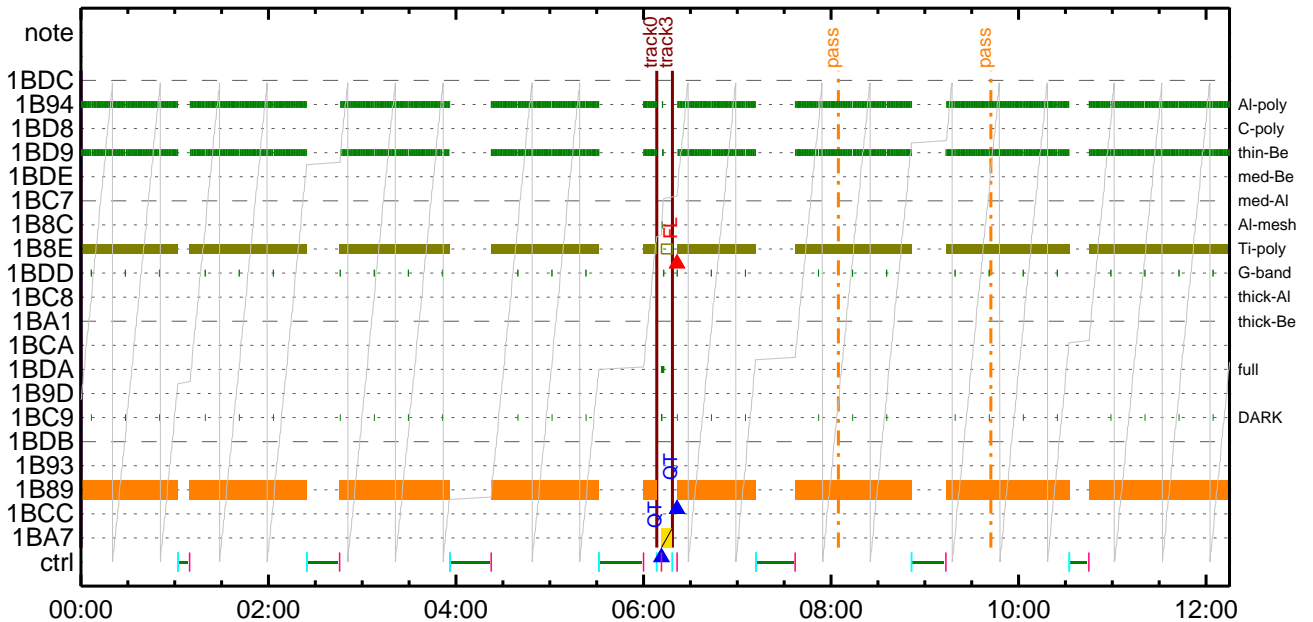
CMDI #0301 2018/02/08



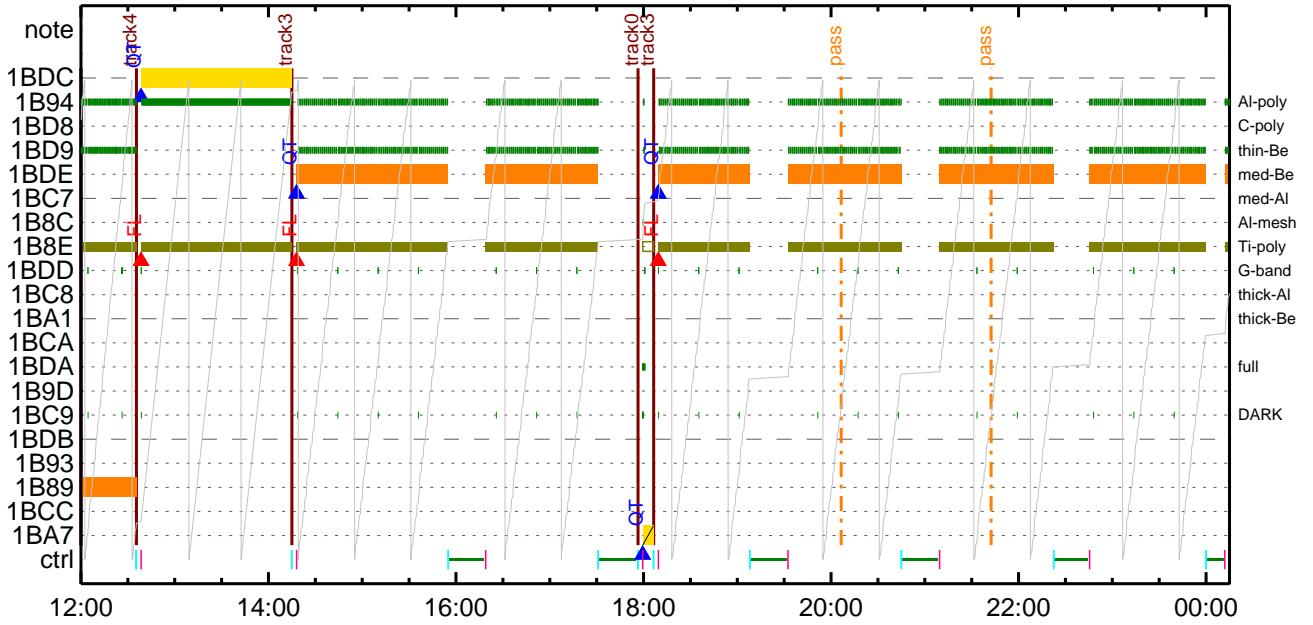
CMDI #0301 2018/02/08



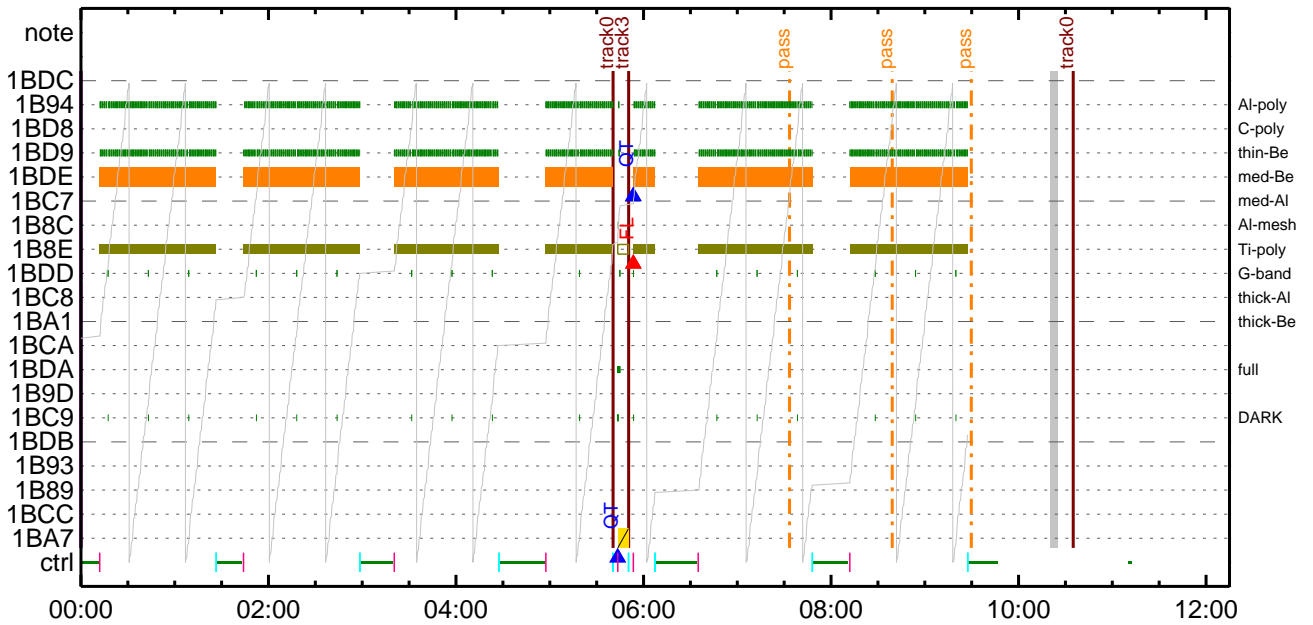
CMDI #0301 2018/02/09



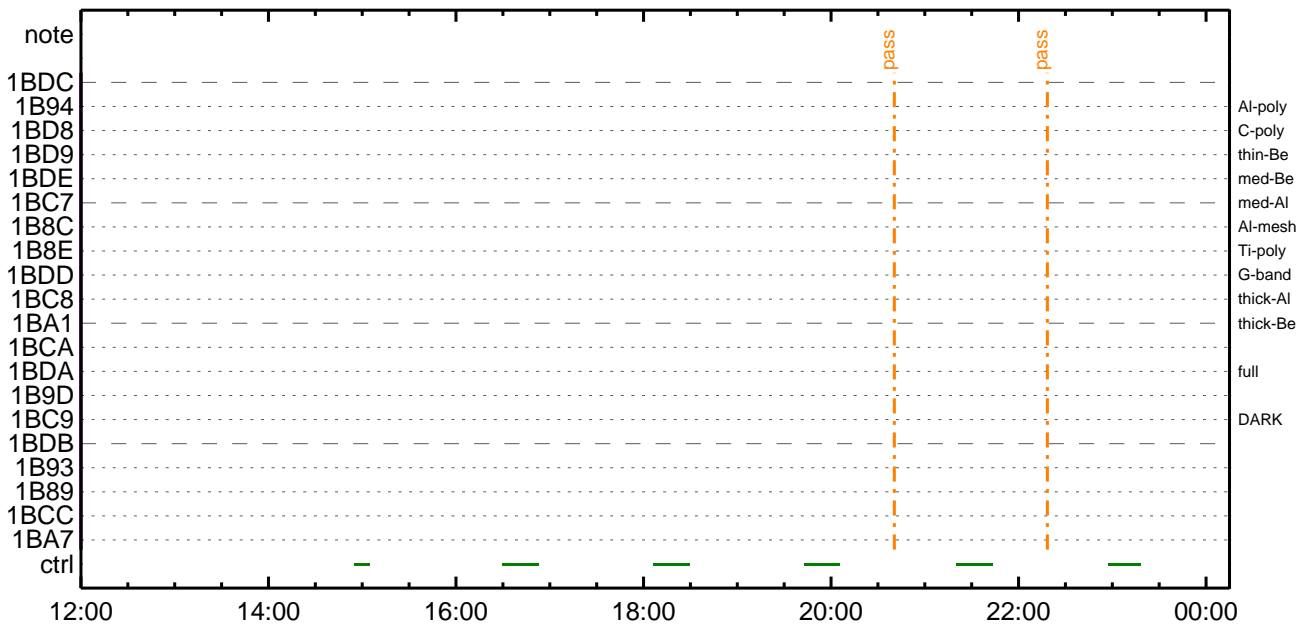
CMDI #0301 2018/02/09



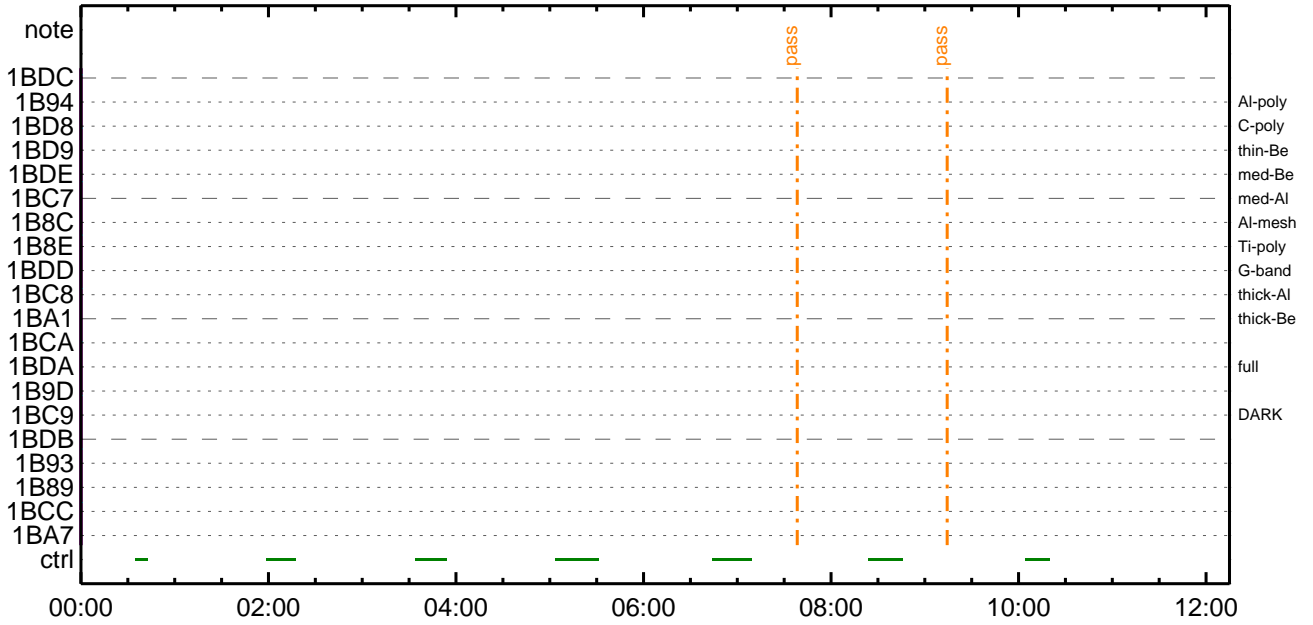
CMDI #0301 2018/02/10



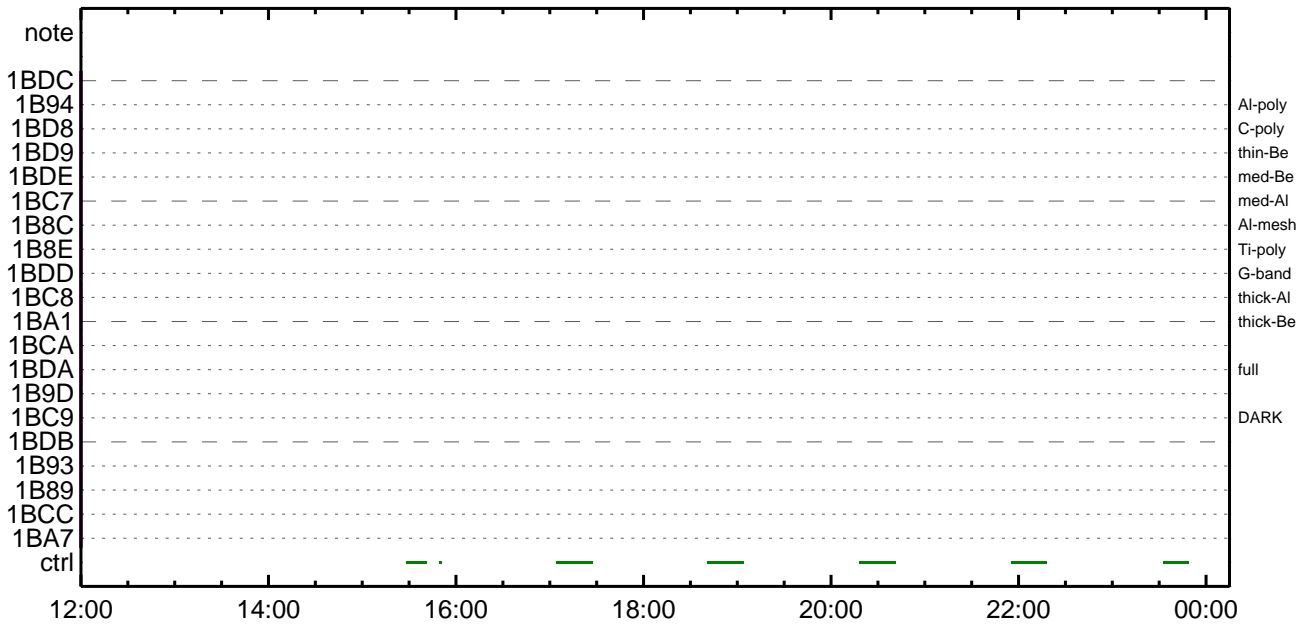
CMDI #0301 2018/02/10



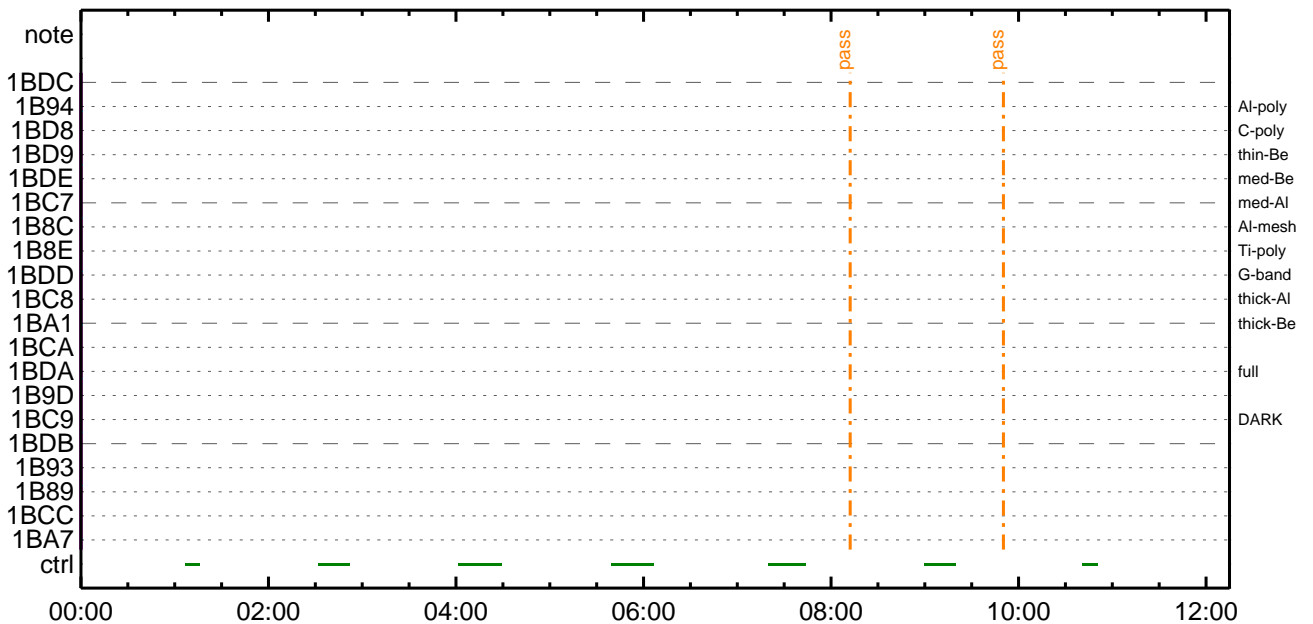
CMDI #0301 2018/02/11



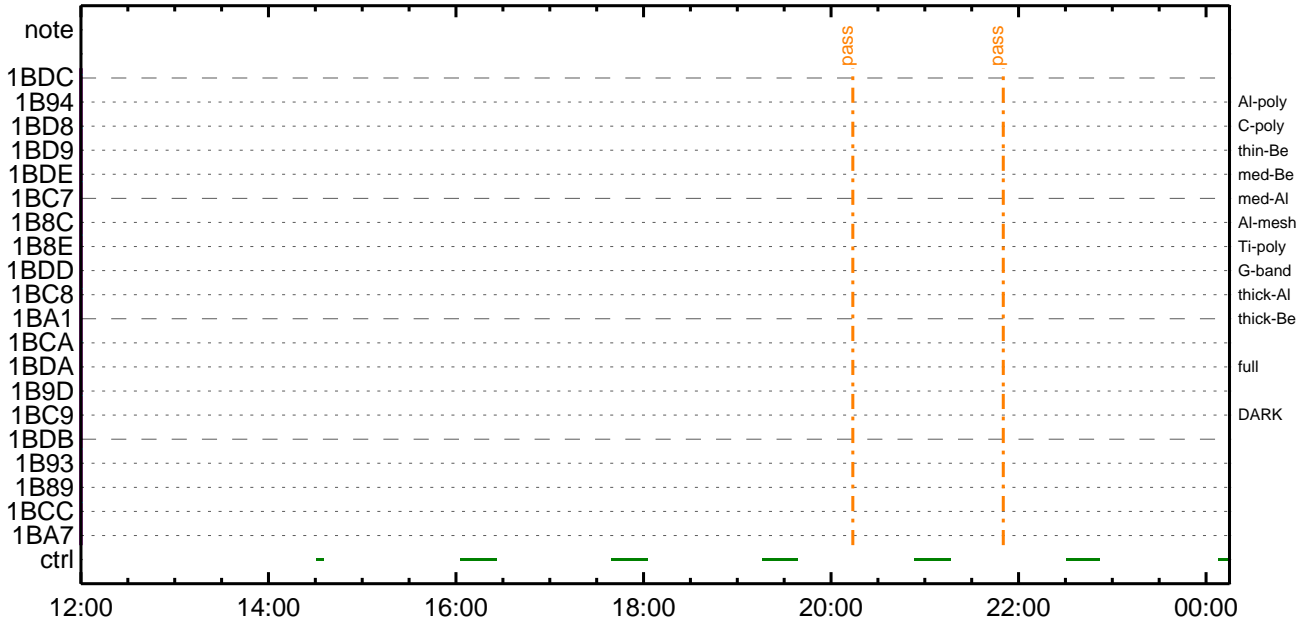
CMDI #0301 2018/02/11



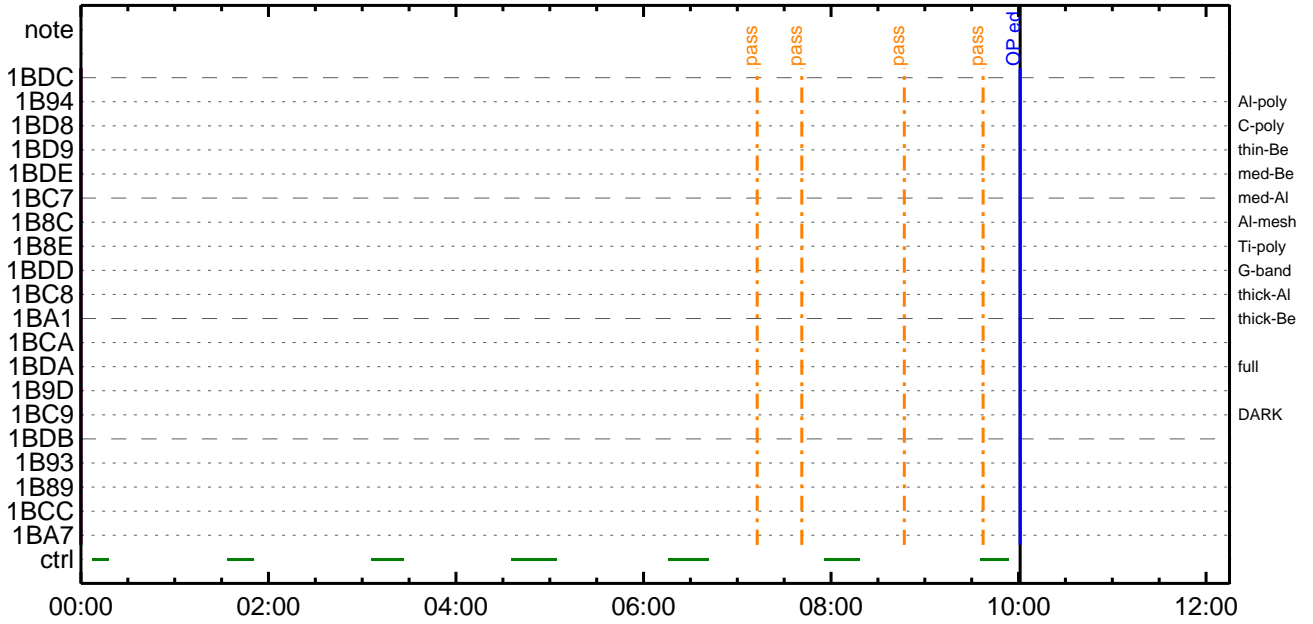
CMDI #0301 2018/02/12



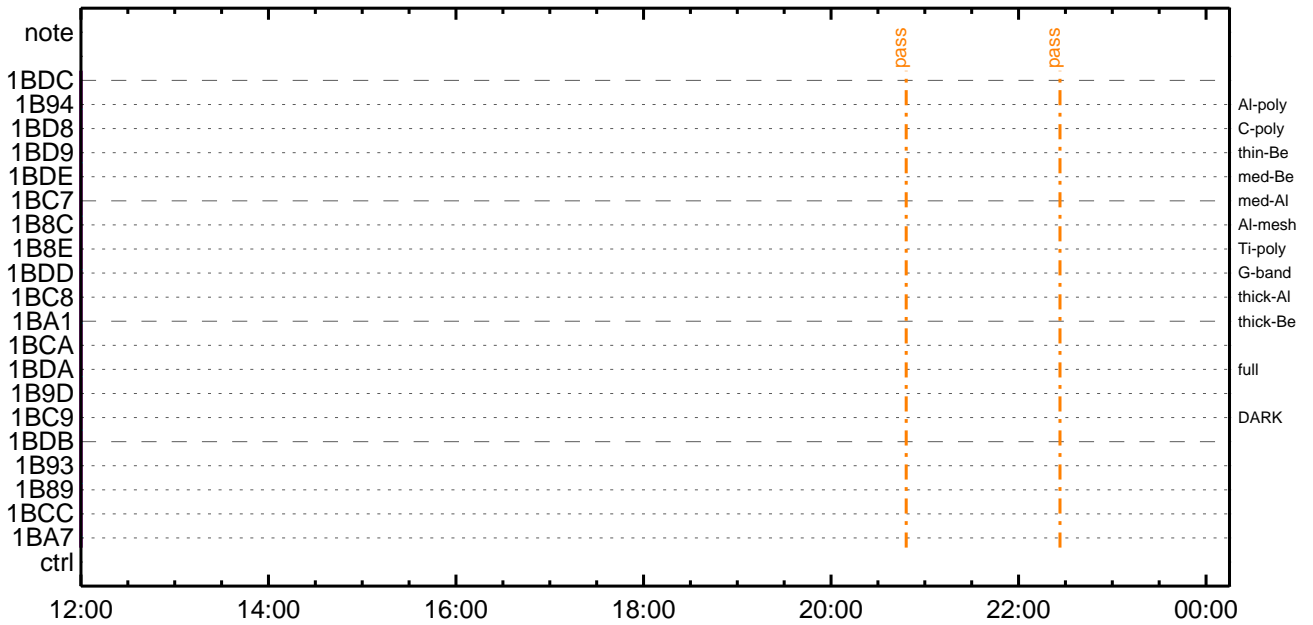
CMDI #0301 2018/02/12



CMDI #0301 2018/02/13



CMDI #0301 2018/02/13




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0096 C.
0097 C.
0098 C. *****
0099 C. OP/OGY1;4YE;|YAY6Yx
0100 C. *****
0101 C.
0102 C. ;ãOP/OGY1;4YE;ã
0103 S. OP op-164:OP
0104 ( )
0105 S. OG og-164:OG
0106 ( )
0107 C.
0108 C. ;ãNMOG&OPfî°èYAY6Yx;ã
0109 C. NMOG(0x200000-0x207FFF;§ 32 kbyte)
0110 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0111 BC (20 00 7f 01 02)
0112 C. çç[HK1_DMP_TOP_ADRS_1] EQ 40
0113 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0114 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0115 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0116 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0117 +. DC 01-22 DHU_MODE_CHNG
0118 BC (07 0b f8)
0119 C. çç[HK1_PKT_FORM_NO] EQ 7
0120 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0121 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0122 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0123 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0124 C. YAY6Yx½ªî»ò³îÇ§
0125 C. çç[HK1_DMP_CHK_FLG] EQ NON
0126 C. RAM ID=NMOGªî½ª¹ç•è²îOKªò³îÇ§
0127 C.
0128 C. NMOG(0x208000-0x20FFFF;§ 32 kbyte)
0129 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0130 BC (20 80 7f 01 02)
0131 C. çç[HK1_DMP_TOP_ADRS_1] EQ 41
0132 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0133 C. çç[HK1_DMP_BLOCK_NUM] EQ 127
0134 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0135 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0136 +. DC 01-22 DHU_MODE_CHNG
0137 BC (07 0b f8)
0138 C. çç[HK1_PKT_FORM_NO] EQ 7
0139 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0140 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0141 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0142 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0143 C. YAY6Yx½ªî»ò³îÇ§
0144 C. çç[HK1_DMP_CHK_FLG] EQ NON
0145 C. RAM ID=NMOGªî½ª¹ç•è²îOKªò³îÇ§
0146 C.
0147 C. NMOG(0x210000-0x2100FF;§ 256byte)+OP(0x210100-0x2141FF: 16.25kbyte)
0148 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0149 BC (21 00 41 01 02)
0150 C. çç[HK1_DMP_TOP_ADRS_1] EQ 42
0151 C. çç[HK1_DMP_TOP_ADRS_0] EQ 0
0152 C. çç[HK1_DMP_BLOCK_NUM] EQ 65
0153 C. çç[HK1_DMP_REPEAT_NUM] EQ 0
0154 C. çç[HK1_DMA_DMP_PIM] EQ DHU
0155 +. DC 01-22 DHU_MODE_CHNG
0156 BC (07 0b f8)
0157 C. çç[HK1_PKT_FORM_NO] EQ 7
0158 C. çç[HK1_PKT_GEN_TIME] EQ 0.25 s
0159 C. çç[HK1_S_TLM_BIT_RATE] EQ 32k
0160 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0161 C. çç[HK1_DMP_CHK_FLG] EQ EXEC
0162 C. YAY6Yx½ªî»ò³îÇ§
0163 C. çç[HK1_DMP_CHK_FLG] EQ NON
0164 C. RAM ID=NMOG, RAM ID=OPªî½ª¹ç•è²îOKªò³îÇ§
0165 C.
0166 C. ***** °ê²¼ªî½ª¹ç•è²îOKªò³îÇ§ *****
0167 C. DHUYã;4YE;ê½Y½;Yi;4YE;êªòîãª¹
0168 +. DC 01-22 DHU_MODE_CHNG
0169 BC (02 0a f8)
0170 C. çç[HK1_PKT_FORM_NO] EQ 2
0171 C. çç[HK1_PKT_GEN_TIME] EQ 0.5S
0172 C. çç[HK1_S_TLM_BIT_RATE] EQ 32K
0173 C. çç[HK1_X_TLM_BIT_RATE] EQ 4M
0174 C.
0175 C. *****
0176 C. TI-CMD SET (OPOG STOP/COPY/START)
0177 C. *****
0178 C.
0179 C. NOTICE ;§ OPOG UPLOADª-Á÷ç@NGªî½ª¹ç;ç°ê²¼ªî½ª¹ç@ªî½ª¹çªòª³ªë;ç
0180 C. ªªªç;çSETªêDUMPªî½ª¹ç°î½ª¹çªòª³ªë;ç
0181 C.
0182 C. TIY³Y½Y6Yêªòªî½ª¹ç(UT)
0183 +. TI 2018-02-08 10:48:00.0
0184 DC 01-B3 DHU_OP_STOP
0185 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0186 C.
0187 +. TI 2018-02-08 10:48:01.0
0188 DC 01-B4 DHU_OP_COPY
0189 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP
0190 C.
0191 +. TI 2018-02-08 10:48:01.0
0192 DC 01-B5 DHU_OPOG_COPY
0193 C. çç[HK1_TI_CMD_NUM] EQ 1COUNTUP

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0194 C.
0195 +. TI 2018-02-08 10:52:59.5
0196 DC 01-B2 DHU_OP_START
0197 C.      çç[HK1_TI_CMD_NUM]                EQ      1COUNTUP
0198 C.
0199 C.  °È²¼αîÄë%îíñαîî¥Ä¥$¥Ä¥-¹àîü
0200 C.      çç[HK1_TI_CMD_ENA/DIS]            EQ      ENA
0201 C.      çç[HK1_TI_CMD_NUM]                EQ      4
0202 C.      çç[HK1_NEXT_EXEC_PIM]            EQ      DHU
0203 C.      çç[HK1_NEXT_EXEC_DC]            EQ      0xB3
0204 C.
0205 C.  *****
0206 C.  TIîî°è¥Ä¥Ö¥×
0207 C.  *****
0208 C.
0209 C.  TI_TBL(0x03AB00-0x03AEFF;§ 1024byte)
0210 +. DC 01-23 DHU_DMA_DMP_PRM_SET
0211 BC      (03 ab 03 01 02)
0212 C.      çç[HK1_DMP_TOP_ADRS_1]          EQ      07
0213 C.      çç[HK1_DMP_TOP_ADRS_0]          EQ      2B
0214 C.      çç[HK1_DMP_BLOCK_NUM]          EQ      3
0215 C.      çç[HK1_DMP_REPEAT_NUM]        EQ      0
0216 C.      çç[HK1_DMA_DMP_PIM]            EQ      DHU
0217 +. DC 01-22 DHU_MODE_CHNG
0218 BC      (07 0b f8)
0219 C.      çç[HK1_PKT_FORM_NO]            EQ      7
0220 C.      çç[HK1_PKT_GEN_TIME]           EQ      0.25 s
0221 C.      çç[HK1_S_TLM_BIT_RATE]        EQ      32k
0222 C.      çç[HK1_X_TLM_BIT_RATE]        EQ      4M
0223 C.      çç[HK1_DMP_CHK_FLG]           EQ      EXEC
0224 C.
0225 C.  ¥Ä¥Ö¥×½ªî»αò³îç§
0226 C.      çç[HK1_DMP_CHK_FLG]           EQ      NON
0227 C.
0228 C.  RAM ID=TI_TBLαîî¾È¹çªè²îOKαò³îç§
0229 C.
0230 C.  DHU¥â;¼¥È;È¾¥½. ¥î;¼¥È;Èαòîãα¹
0231 +. DC 01-22 DHU_MODE_CHNG
0232 BC      (02 0a f8)
0233 C.      çç[HK1_PKT_FORM_NO]            EQ      2
0234 C.      çç[HK1_PKT_GEN_TIME]           EQ      0.5S
0235 C.      çç[HK1_S_TLM_BIT_RATE]        EQ      32K
0236 C.      çç[HK1_X_TLM_BIT_RATE]        EQ      4M
0237 C.
0238 C.  *****
0239 C.  SOT TI command set
0240 C.  *****
0241 C.  Execute, after the success of OP upload.
0242 +. TI 2018-02-08 10:52:16.0
0243 DC 07-F0 MDP_SOT_MODE_STBY
0244 BC      (41)
0245 C.  -----
0246 C.  HK1_TI_CMD_NUM      = 1 CNTUP [ ]
0247 C.  -----
0248 C.  ***** SOT END *****
0249 C.
0250 C.  ***** XRT START *****
0251 C.  Execute, after the success of OP upload.
0252 +. TI 2018-02-08 10:52:00.0
0253 DC 07-F0 MDP_XRT_MODE_STBY
0254 BC      (c3)
0255 C.      [ ] [HK1_TI_CMD_NUM]          EQ      1COUNTUP
0256 C.
0257 C.  ***** XRT END *****
0258 C.
0259 C.  ***** MDP ´úÄîîî»ò¼¥òÈÄα¹αèDCBCª×²è *****
0260 C.  (¼ä°îîÖ¥Ä¥È¥½¥È¥½ç¥èè¾¼αα¼Ä»Üα¹αè)
0261 S. DC-BC dcbc-402:DCBC
0262 (MDP_known_event)
0263 C.
0264 C.
0265 C.  ***** ¥Ð¥¹•î Daily±;îñαÈ´Øα¹αèDCBCª×²è *****
0266 S. DC-BC dcbc-153:DCBC
0267 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0268 C.
0269 C.
0270 C.  ;ãLOS¥Ä¥$¥Ä¥-¼Ä»Ü;ã
0271 C.
0272 C.  ***** LOS *****
0273 C.

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0096 C.
0097 C.
0098 . C. ***** AOCs Commands (Tracking Curve Upload) *****
0099 C. Upload the Orbit Element and the Target Attitude
0100 C. RAM-ID:TARGET_ATT
0101 . S. RAM ram-150:TARGET_ATT
0102 ( )
0103 C.
0104 C.
0105 C. Set the dump memory area of TARGET_ATT
0106 +. DC 02-48 AOCU_DUMP_SET
0107 BC (07 00 00 00 18 00)
0108 C.
0109 C. <A_STS1>[MEMORY OPERATE STATUS] ADRS = 070000 [ ]
0110 C.
0111 C.
0112 C. Change the TLMFormatNo for the AOCs Dump Format
0113 +. DC 01-22 DHU_MODE_CHNG
0114 BC (04 0b f8)
0115 C.
0116 C. Wait for AOCSDUMP to end
0117 C.
0118 . C. Check the dump memory
0119 C.
0120 C. Result = OK [ ]
0121 C.
0122 +. DC 01-22 DHU_MODE_CHNG
0123 BC (02 0a f8)
0124 C.
0125 C. <A_***>[TLM STS] FMT = 2 [ ]
0126 C.
0127 +. DC 02-8E AOCU_ORB_UPD
0128 . C.
0129 C.
0130 . C. ***** MDP 'ûÃîñî»ò¼ÿñÊÂðñ¹ñèDCBC•x²è *****
0131 C. (¼â°îÿÓÿÃÿÊÿPÿËÿâÿçÿèñ¼¼¼¼»Ûñ¹ñè)
0132 . S. DC-BC dcbc-402:DCBC
0133 (MDP_known_event)
0134 C.
0135 C.
0136 . C. ***** ÿDÿ¹•Ï Daily±;îÑñÊ'Øñ¹ñèDCBC•x²è *****
0137 . S. DC-BC dcbc-153:DCBC
0138 (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0139 C.
0140 C.
0141 . C. ;ãLOSÿÃÿSÿÿÿ¼Ã»Û;ã
0142 C.
0143 . C. ***** LOS *****
0144 C.

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(a) Spacecraft Operation Procedure (real-commands)

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main-166 2018-02-08 11:04:46 132 33 SOLAR-B MAIN //
0001 C.
0002 . C. ***** AOS *****
0003 C.
0004 . C. ;ãAOSYÁY$YÁY-¼Á»Ü;ä
0005 C.
0006 C. YÁY$;¼Y³YF¥ÓYÉÁ+¿®
0007 +. DC 00-00 NULL_DUMMY_CMD
0008 C.
0009 . C. ***** AOCs : Reload orbital element (send every contact) *****
0010 C. Áí;Èα¿αAα•μ°E»Í×ÁÇαÍYçYÁY×Yí;¼YÉ;ÈÈè%μ•ííÉ;ÈEÈ¼°ÇÔα•α¿¼l¹çαÍ;çÀ®, ùα¹αèαBαÇÁ+¿®α•αÈααα³αÈ;f
0011 +. DC 02-8E AOCU_ORB_UPD
0012 C.
0013 C.
0014 . C. *****
0015 C. SOT table upload
0016 C. *****
0017 . C. < Stop SP table >
0018 +. DC 07-F0 MDP_SP_CTRL_MANU
0019 BC (61)
0020 C. -----
0021 C. MDP_SP_CTRL_MODE = MANU [ ]
0022 C. -----
0023 C.
0024 . C. <Upload SP Observation Table>
0025 . S. RAM ram-281:MDP_OBS_S
0026 ( )
0027 C.
0028 . C. < Dump RAMID=MDP_OBS_S >
0029 +. DC 07-F0 MDP_DUMP_SPTBL
0030 BC (83 07 00 00 00 38 b8)
0031 C. -----
0032 C. MDP_OBS_S verify = OK/NG [ ]
0033 C. -----
0034 C.
0035 C. *****
0036 C. SOT TI command set
0037 C. *****
0038 C. Execute, after the success of TBL upload.
0039 +. TI 2018-02-08 10:52:18.0
0040 DC 07-F0 MDP_SOT_MODE_OBSV
0041 BC (40)
0042 C. -----
0043 C. HK1_TI_CMD_NUM = 1 CNTUP [ ]
0044 C. -----
0045 C.
0046 C.
0047 C. ***** XRT START *****
0048 C.
0049 +. DC 07-F0 MDP_XRT_CTRL_MANU
0050 BC (c1)
0051 +. DC 07-F0 MDP_XRT_CTRL_MANU
0052 BC (c1)
0053 +. DC 07-F0 MDP_XRT_MODE_STBY
0054 BC (c3)
0055 . C. ----- Success Verify ? OK / NG_____
0056 C.
0057 C. XRT Obs. Table Upload
0058 . S. RAM ram-291:MDP_OBS_X
0059 ( )
0060 C.
0061 +. DC 07-F0 MDP_DUMP_XRTTBL
0062 BC (84 07 00 00 00 3a d4)
0063 . C. ----- Comparison Check ? OK / ERR _____
0064 C.
0065 C.
0066 +. DC 07-F0 MDP_XRT_ROI_SET
0067 BC (cd 01 b1 b1 04 04)
0068 +. DC 07-F0 MDP_XRT_ROI_SET
0069 BC (cd 02 b1 b1 08 08)
0070 +. DC 07-F0 MDP_XRT_ROI_SET
0071 BC (cd 03 b1 b1 08 08)
0072 +. DC 07-F0 MDP_XRT_ROI_SET
0073 BC (cd 04 b1 b1 06 06)
0074 +. DC 07-F0 MDP_XRT_ROI_SET
0075 BC (cd 05 85 83 06 06)
0076 +. DC 07-F0 MDP_XRT_ROI_SET
0077 BC (cd 06 85 83 06 06)
0078 +. DC 07-F0 MDP_XRT_ROI_SET
0079 BC (cd 07 85 83 08 08)
0080 +. DC 07-F0 MDP_XRT_ROI_SET
0081 BC (cd 08 80 80 20 20)
0082 +. DC 07-F0 MDP_XRT_ROI_SET
0083 BC (cd 09 80 80 20 08)
0084 +. DC 07-F0 MDP_XRT_ROI_SET
0085 BC (cd 0a 80 80 08 20)
0086 +. DC 07-F0 MDP_XRT_ROI_SET
0087 BC (cd 0f 80 80 06 06)
0088 +. DC 07-F0 MDP_XRT_ROI_SET
0089 BC (cd 10 80 80 08 08)
0090 +. DC 07-F0 MDP_XRT_FLD_ENA
0091 BC (d8)
0092 +. DC 07-F0 MDP_XRT_FLRCTRL_ENA
0093 BC (c8)
0094 +. DC 07-F0 MDP_XRT_ARS_DIS
0095 BC (d5)
```

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0096 + DC 07-F0 MDP_XRT_AEC_RESET
0097     BC      (d0)
0098 + DC 07-F0 MDP_XRT_FLD_RESET
0099     BC      (da)
0100 +. DC 07-F0 MDP_XRT_QT_PROG_SET
0101     BC      (c4 05)
0102 +. DC 07-F0 MDP_XRT_FL_PROG_SET
0103     BC      (c5 0d)
0104     . C. ----- Success Verify ?           OK / NG ____
0105     . C.
0106     . C.
0107     . C. All OK?   Yes--> Please Proceed. / No --> Stop here.
0108     . C.
0109 +. DC 07-F0 MDP_XRT_MODE_OBSV
0110     BC      (c2)
0111 +. TI 2018-02-08 10:52:02.0
0112     DC 07-F0 MDP_XRT_MODE_OBSV
0113     BC      (c2)
0114     . C. ----- Success Verify ?           OK / NG ____
0115     . C.
0116     . C. ***** XRT END *****
0117     . C.
0118     . C. ***** MDP `uAÎaÎ»ö½ÿoEÄDñ¹æDCBC•x²è *****
0119     . C. (½ä°îÿÖÿÄÿEÿPÿEÿÿäÿçÿë½ç½ç½¼½ç½ÿÿÜ½¹æ)
0120     . S. DC-BC dcbc-402:DCBC
0121     (MDP_known_event)
0122     . C.
0123     . C.
0124     . C. ***** ½Dÿ!·Ï Daily±;îÑæË'Øñ¹æDCBC•x²è *****
0125     . S. DC-BC dcbc-153:DCBC
0126     (SPECIAL-CMD_DAILY_OPERATIN_DCB)
0127     . C.
0128     . C.
0129     . C. ;ãLOSÿÄÿSÿÿÿÿÿ¼Ä»Û;ã
0130     . C.
0131     . C. ***** LOS *****
0132     . C.

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*** OP Sequence for XRT ***

| | | | | | | | | | |
|------------|------------|-----------------------------------|---|-------|----------------|--|--|--|--|
| 2018/02/08 | 11:02:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/02/08 | 11:02:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/02/08 | 11:02:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | | |
| 2018/02/08 | 11:03:00.0 | AOCS_Ore-point_Start_1_OG [0x097] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 03 02 c0 01 ca | | | | |
| 2018/02/08 | 11:03:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2018/02/08 | 11:03:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2018/02/08 | 11:03:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2018/02/08 | 11:03:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2018/02/08 | 11:03:26.0 | XRT_FLD_RESET_433_OG [0x1b1] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/02/08 | 11:05:56.0 | XRT_QT_PROG_SET_413_OG [0x19d] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 03 | | | | |
| 2018/02/08 | 11:05:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d | | | | |
| 2018/02/08 | 11:06:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/02/08 | 12:19:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/02/08 | 12:19:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/02/08 | 12:19:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | | |
| 2018/02/08 | 12:20:00.5 | AOCS_Ore-point_Start_2_OG [0x098] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 04 02 c0 02 35 | | | | |
| 2018/02/08 | 12:20:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2018/02/08 | 12:20:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2018/02/08 | 12:20:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2018/02/08 | 12:20:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2018/02/08 | 12:20:26.0 | XRT_FLD_RESET_433_OG [0x1b1] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/02/08 | 12:22:56.0 | XRT_QT_PROG_SET_409_OG [0x199] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 14 | | | | |
| 2018/02/08 | 12:22:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d | | | | |
| 2018/02/08 | 12:23:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/02/08 | 13:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/02/08 | 13:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/02/08 | 13:59:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | | |
| 2018/02/08 | 14:00:00.0 | AOCS_Ore-point_Start_1_OG [0x097] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 03 02 c0 01 ca | | | | |
| 2018/02/08 | 14:00:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2018/02/08 | 14:00:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2018/02/08 | 14:00:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2018/02/08 | 14:00:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2018/02/08 | 14:00:26.0 | XRT_FLD_RESET_433_OG [0x1b1] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/02/08 | 14:02:56.0 | XRT_QT_PROG_SET_413_OG [0x19d] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 03 | | | | |
| 2018/02/08 | 14:02:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d | | | | |
| 2018/02/08 | 14:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/02/08 | 15:21:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/02/08 | 15:21:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/02/08 | 15:21:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/02/08 | 15:21:06.0 | XRT_PREFLR_STRT_406_OG [0x196] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/02/08 | 15:24:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/02/08 | 15:33:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2018/02/08 | 15:34:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/02/08 | 16:56:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/02/08 | 16:56:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/02/08 | 16:56:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |

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| | | | | | | | | | |
|------------|------------|-----------------------------------|---|-------|----------------|--|--|--|--|
| 2018/02/08 | 16:56:06.0 | XRT_PREFLR_STRT_406_OG [0x196] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/02/08 | 16:59:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/02/08 | 17:20:01.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2018/02/08 | 17:21:01.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/02/08 | 17:59:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/02/08 | 17:59:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/02/08 | 17:59:58.0 | XRT_FOCUS_POSITION_403_OG [0x193] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | | | | |
| 2018/02/08 | 18:00:00.0 | AOCS_OrE-point_Start_3_OG [0x099] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | | | | |
| 2018/02/08 | 18:00:18.0 | XRT_FLD_DIS_425_OG [0x1a9] | | | | | | | |
| | | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | | | |
| 2018/02/08 | 18:02:54.0 | XRT_FLRCTRL_DIS_405_OG [0x195] | | | | | | | |
| | | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | | | |
| 2018/02/08 | 18:02:56.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2018/02/08 | 18:02:58.0 | XRT_QT_PROG_SET_435_OG [0x1b3] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 01 | | | | |
| 2018/02/08 | 18:03:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/02/08 | 18:09:54.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/02/08 | 18:09:56.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/02/08 | 18:09:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | | | | | | | |
| | | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | | | | |
| 2018/02/08 | 18:10:00.0 | AOCS_OrE-point_Start_1_OG [0x097] | | | | | | | |
| | | AOCU_NM | 5 | 02-76 | 03 02 c0 01 ca | | | | |
| 2018/02/08 | 18:10:18.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | | | | |
| | | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | | | |
| 2018/02/08 | 18:10:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | | | | | | | |
| | | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | | | |
| 2018/02/08 | 18:10:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | | | | | | | |
| | | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | | | |
| 2018/02/08 | 18:10:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | | | |
| | | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | | | |
| 2018/02/08 | 18:10:26.0 | XRT_FLD_RESET_433_OG [0x1b1] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/02/08 | 18:12:56.0 | XRT_QT_PROG_SET_413_OG [0x19d] | | | | | | | |
| | | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 03 | | | | |
| 2018/02/08 | 18:12:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | | | | | | | |
| | | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d | | | | |
| 2018/02/08 | 18:13:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/02/08 | 18:33:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/02/08 | 18:33:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/02/08 | 18:33:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/02/08 | 18:33:36.0 | XRT_PREFLR_STRT_406_OG [0x196] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/02/08 | 18:36:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/02/08 | 18:56:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2018/02/08 | 18:57:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/02/08 | 20:10:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/02/08 | 20:10:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/02/08 | 20:10:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/02/08 | 20:10:06.0 | XRT_PREFLR_STRT_406_OG [0x196] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/02/08 | 20:13:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/02/08 | 20:33:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2018/02/08 | 20:34:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/02/08 | 21:47:30.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/02/08 | 21:47:32.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/02/08 | 21:47:34.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |
| | | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | | | |
| 2018/02/08 | 21:47:36.0 | XRT_PREFLR_STRT_406_OG [0x196] | | | | | | | |
| | | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | | | |
| 2018/02/08 | 21:50:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | | | | | | | |
| | | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | | | |
| 2018/02/08 | 22:10:30.0 | XRT_Custom_430_OG [0x1ae] | | | | | | | |
| 2018/02/08 | 22:11:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | | | | | | | |
| | | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | | | |
| 2018/02/08 | 23:25:00.0 | XRT_CTRL_MANU_400_OG [0x190] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/02/08 | 23:25:02.0 | XRT_CTRL_MANU_402_OG [0x192] | | | | | | | |
| | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | | | |
| 2018/02/08 | 23:25:04.0 | XRT_FLD_RESET_415_OG [0x19f] | | | | | | | |

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|------------|------------|-----------------------------------|---------------------|---|-------|----------------|--|
| 2018/02/08 | 23:25:06.0 | XRT_PREFLR_STRT_406_OG [0x196] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2018/02/08 | 23:28:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2018/02/08 | 23:43:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2018/02/08 | 23:44:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2018/02/09 | 01:02:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2018/02/09 | 01:02:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2018/02/09 | 01:02:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2018/02/09 | 01:02:06.0 | XRT_PREFLR_STRT_406_OG [0x196] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2018/02/09 | 01:05:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2018/02/09 | 01:08:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2018/02/09 | 01:09:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2018/02/09 | 02:24:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2018/02/09 | 02:24:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2018/02/09 | 02:24:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2018/02/09 | 02:24:36.0 | XRT_PREFLR_STRT_406_OG [0x196] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2018/02/09 | 02:27:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2018/02/09 | 02:44:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2018/02/09 | 02:45:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2018/02/09 | 03:56:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2018/02/09 | 03:56:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2018/02/09 | 03:56:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2018/02/09 | 03:56:06.0 | XRT_PREFLR_STRT_406_OG [0x196] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2018/02/09 | 03:59:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2018/02/09 | 04:21:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2018/02/09 | 04:22:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2018/02/09 | 05:31:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2018/02/09 | 05:31:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2018/02/09 | 05:31:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2018/02/09 | 05:31:36.0 | XRT_PREFLR_STRT_406_OG [0x196] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2018/02/09 | 05:34:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2018/02/09 | 05:59:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2018/02/09 | 06:00:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2018/02/09 | 06:08:24.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2018/02/09 | 06:08:26.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2018/02/09 | 06:08:28.0 | XRT_FOCUS_POSITION_403_OG [0x193] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 | |
| 2018/02/09 | 06:08:30.5 | AOCS_Ore-point_Start_3_OG [0x099] | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 | |
| 2018/02/09 | 06:08:48.0 | XRT_FLD_DIS_425_OG [0x1a9] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | |
| 2018/02/09 | 06:11:24.0 | XRT_FLRCTRL_DIS_405_OG [0x195] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | |
| 2018/02/09 | 06:11:26.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2018/02/09 | 06:11:28.0 | XRT_QT_PROG_SET_435_OG [0x1b3] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 01 | |
| 2018/02/09 | 06:11:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2018/02/09 | 06:18:24.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2018/02/09 | 06:18:26.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2018/02/09 | 06:18:28.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 | |
| 2018/02/09 | 06:18:30.0 | AOCS_Ore-point_Start_1_OG [0x097] | AOCU_NM | 5 | 02-76 | 03 02 c0 01 ca | |
| 2018/02/09 | 06:18:48.0 | XRT_FLD_ENA_411_OG [0x19b] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2018/02/09 | 06:18:50.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2018/02/09 | 06:18:52.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2018/02/09 | 06:18:54.0 | XRT_ARS_DIS_423_OG [0x1a7] | | | | | |

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|------------|------------|-----------------------------------|-------------------------------|---|-------|-------|----------|
| 2018/02/09 | 06:18:56.0 | XRT_FLD_RESET_433_OG [0x1b1] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2018/02/09 | 06:21:26.0 | XRT_QT_PROG_SET_413_OG [0x19d] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2018/02/09 | 06:21:28.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 03 |
| 2018/02/09 | 06:21:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 0d |
| 2018/02/09 | 07:12:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2018/02/09 | 07:12:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2018/02/09 | 07:12:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2018/02/09 | 07:12:06.0 | XRT_PREFLR_STRT_406_OG [0x196] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2018/02/09 | 07:15:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2018/02/09 | 07:36:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2018/02/09 | 07:37:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_Custom_430_OG [0x1ae] | 1 | 07-F0 | c0 | |
| 2018/02/09 | 08:51:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2018/02/09 | 08:51:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2018/02/09 | 08:51:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2018/02/09 | 08:51:36.0 | XRT_PREFLR_STRT_406_OG [0x196] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2018/02/09 | 08:54:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2018/02/09 | 09:12:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2018/02/09 | 09:13:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_Custom_430_OG [0x1ae] | 1 | 07-F0 | c0 | |
| 2018/02/09 | 10:32:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2018/02/09 | 10:32:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2018/02/09 | 10:32:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2018/02/09 | 10:32:36.0 | XRT_PREFLR_STRT_406_OG [0x196] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2018/02/09 | 10:35:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | |
| 2018/02/09 | 10:44:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | |
| 2018/02/09 | 10:45:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_Custom_430_OG [0x1ae] | 1 | 07-F0 | c0 | |
| 2018/02/09 | 12:35:24.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2018/02/09 | 12:35:26.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2018/02/09 | 12:35:28.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2018/02/09 | 12:35:30.0 | AOCS_OrE-point_Start_2_OG [0x098] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe 97 00 |
| 2018/02/09 | 12:35:48.0 | XRT_FLD_ENA_411_OG [0x19b] | AOCU_NM | 5 | 02-76 | 04 02 | c0 02 35 |
| 2018/02/09 | 12:35:50.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2018/02/09 | 12:35:52.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2018/02/09 | 12:35:54.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2018/02/09 | 12:35:56.0 | XRT_FLD_RESET_433_OG [0x1b1] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2018/02/09 | 12:38:26.0 | XRT_QT_PROG_SET_409_OG [0x199] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2018/02/09 | 12:38:28.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 14 |
| 2018/02/09 | 12:38:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 0d |
| 2018/02/09 | 14:14:54.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | |
| 2018/02/09 | 14:14:56.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2018/02/09 | 14:14:58.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | |
| 2018/02/09 | 14:15:00.0 | AOCS_OrE-point_Start_1_OG [0x097] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe 97 00 |
| 2018/02/09 | 14:15:18.0 | XRT_FLD_ENA_411_OG [0x19b] | AOCU_NM | 5 | 02-76 | 03 02 | c0 01 ca |
| 2018/02/09 | 14:15:20.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | |
| 2018/02/09 | 14:15:22.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | |
| 2018/02/09 | 14:15:24.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | |
| 2018/02/09 | 14:15:26.0 | XRT_FLD_RESET_433_OG [0x1b1] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | |
| 2018/02/09 | 14:17:56.0 | XRT_QT_PROG_SET_446_OG [0x1be] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | |
| 2018/02/09 | 14:17:58.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 10 |

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|------------|------------|-----------------------------------|---------------------------|---|-------|----|-------------|--|
| 2018/02/09 | 14:18:00.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 0d | |
| 2018/02/09 | 15:55:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2018/02/09 | 15:55:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2018/02/09 | 15:55:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2018/02/09 | 15:55:06.0 | XRT_PREFLR_STRT_406_OG [0x196] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2018/02/09 | 15:58:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2018/02/09 | 16:18:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2018/02/09 | 16:19:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2018/02/09 | 17:31:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2018/02/09 | 17:31:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2018/02/09 | 17:31:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2018/02/09 | 17:31:06.0 | XRT_PREFLR_STRT_406_OG [0x196] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2018/02/09 | 17:34:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2018/02/09 | 17:56:24.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2018/02/09 | 17:56:26.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2018/02/09 | 17:56:28.0 | XRT_FOCUS_POSITION_403_OG [0x193] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2018/02/09 | 17:56:30.0 | AOCS_Ore-point_Start_3_OG [0x099] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | ff aa 00 | |
| 2018/02/09 | 17:56:48.0 | XRT_FLD_DIS_425_OG [0x1a9] | AOCU_NM | 5 | 02-76 | 00 | 00 00 00 00 | |
| 2018/02/09 | 17:59:24.0 | XRT_FLRCTRL_DIS_405_OG [0x195] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 | | |
| 2018/02/09 | 17:59:26.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 | | |
| 2018/02/09 | 17:59:28.0 | XRT_QT_PROG_SET_435_OG [0x1b3] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2018/02/09 | 17:59:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 01 | |
| 2018/02/09 | 18:06:24.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2018/02/09 | 18:06:26.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2018/02/09 | 18:06:28.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2018/02/09 | 18:06:30.0 | AOCS_Ore-point_Start_1_OG [0x097] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 | fe 97 00 | |
| 2018/02/09 | 18:06:48.0 | XRT_FLD_ENA_411_OG [0x19b] | AOCU_NM | 5 | 02-76 | 03 | 02 c0 01 ca | |
| 2018/02/09 | 18:06:50.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 | | |
| 2018/02/09 | 18:06:52.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 | | |
| 2018/02/09 | 18:06:54.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 | | |
| 2018/02/09 | 18:06:56.0 | XRT_FLD_RESET_433_OG [0x1b1] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 | | |
| 2018/02/09 | 18:09:26.0 | XRT_QT_PROG_SET_446_OG [0x1be] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2018/02/09 | 18:09:28.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 | 10 | |
| 2018/02/09 | 18:09:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 | 0d | |
| 2018/02/09 | 19:08:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2018/02/09 | 19:08:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2018/02/09 | 19:08:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2018/02/09 | 19:08:06.0 | XRT_PREFLR_STRT_406_OG [0x196] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2018/02/09 | 19:11:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2018/02/09 | 19:31:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2018/02/09 | 19:32:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | XRT_Custom_430_OG [0x1ae] | | | | | |
| 2018/02/09 | 20:45:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 | | |
| 2018/02/09 | 20:45:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2018/02/09 | 20:45:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 | | |
| 2018/02/09 | 20:45:06.0 | XRT_PREFLR_STRT_406_OG [0x196] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da | | |
| 2018/02/09 | 20:48:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 | | |
| 2018/02/09 | 21:08:30.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 | | |
| 2018/02/09 | 21:09:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | XRT_Custom_430_OG [0x1ae] | | | | | |

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|------------|------------|-----------------------------------|---------------------|---|-------|----------------|
| 2018/02/09 | 22:22:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| | | | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/02/09 | 22:22:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/02/09 | 22:22:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2018/02/09 | 22:22:36.0 | XRT_PREFLR_STRT_406_OG [0x196] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2018/02/09 | 22:25:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2018/02/09 | 22:44:30.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2018/02/09 | 22:45:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2018/02/10 | 00:00:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/02/10 | 00:00:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/02/10 | 00:00:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2018/02/10 | 00:00:06.0 | XRT_PREFLR_STRT_406_OG [0x196] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2018/02/10 | 00:03:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2018/02/10 | 00:11:00.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2018/02/10 | 00:12:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2018/02/10 | 01:26:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/02/10 | 01:26:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/02/10 | 01:26:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2018/02/10 | 01:26:36.0 | XRT_PREFLR_STRT_406_OG [0x196] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2018/02/10 | 01:29:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2018/02/10 | 01:43:00.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2018/02/10 | 01:44:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2018/02/10 | 02:58:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/02/10 | 02:58:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/02/10 | 02:58:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2018/02/10 | 02:58:36.0 | XRT_PREFLR_STRT_406_OG [0x196] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2018/02/10 | 03:01:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2018/02/10 | 03:19:30.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2018/02/10 | 03:20:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2018/02/10 | 04:27:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/02/10 | 04:27:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/02/10 | 04:27:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2018/02/10 | 04:27:36.0 | XRT_PREFLR_STRT_406_OG [0x196] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2018/02/10 | 04:30:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2018/02/10 | 04:56:30.0 | XRT_Custom_430_OG [0x1ae] | | | | |
| 2018/02/10 | 04:57:30.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2018/02/10 | 05:40:24.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/02/10 | 05:40:26.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/02/10 | 05:40:28.0 | XRT_FOCUS_POSITION_403_OG [0x193] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 ff aa 00 |
| 2018/02/10 | 05:40:30.0 | AOCS_Ore-point_Start_3_OG [0x099] | AOCU_NM | 5 | 02-76 | 00 00 00 00 00 |
| 2018/02/10 | 05:40:48.0 | XRT_FLD_DIS_425_OG [0x1a9] | MDP_XRT_FLD_DIS | 1 | 07-F0 | d9 |
| 2018/02/10 | 05:43:24.0 | XRT_FLRCTRL_DIS_405_OG [0x195] | MDP_XRT_FLRCTRL_DIS | 1 | 07-F0 | c9 |
| 2018/02/10 | 05:43:26.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2018/02/10 | 05:43:28.0 | XRT_QT_PROG_SET_435_OG [0x1b3] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 01 |
| 2018/02/10 | 05:43:30.5 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2018/02/10 | 05:50:24.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/02/10 | 05:50:26.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/02/10 | 05:50:28.0 | XRT_FOCUS_POSITION_410_OG [0x19a] | XRT_FOCUS_POSITION | 4 | 07-F8 | 22 fe 97 00 |
| 2018/02/10 | 05:50:30.0 | AOCS_Ore-point_Start_1_OG [0x097] | AOCU_NM | 5 | 02-76 | 03 02 c0 01 ca |
| 2018/02/10 | 05:50:48.0 | XRT_FLD_ENA_411_OG [0x19b] | | | | |

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|------------|------------|-----------------------------------|-------------------------------|---|-------|----------------|
| 2018/02/10 | 05:50:50.0 | XRT_FLRCTRL_ENA_412_OG [0x19c] | MDP_XRT_FLD_ENA | 1 | 07-F0 | d8 |
| 2018/02/10 | 05:50:52.0 | XRT_AEC_RESET_448_OG [0x1c0] | MDP_XRT_FLRCTRL_ENA | 1 | 07-F0 | c8 |
| 2018/02/10 | 05:50:54.0 | XRT_ARS_DIS_423_OG [0x1a7] | MDP_XRT_AEC_RESET | 1 | 07-F0 | d0 |
| 2018/02/10 | 05:50:56.0 | XRT_FLD_RESET_433_OG [0x1b1] | MDP_XRT_ARS_DIS | 1 | 07-F0 | d5 |
| 2018/02/10 | 05:53:26.0 | XRT_QT_PROG_SET_446_OG [0x1be] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2018/02/10 | 05:53:28.0 | XRT_FL_PROG_SET_440_OG [0x1b8] | MDP_XRT_QT_PROG_SET | 2 | 07-F0 | c4 10 |
| 2018/02/10 | 05:53:30.0 | XRT_CTRL_AUTO_408_OG [0x198] | MDP_XRT_FL_PROG_SET | 2 | 07-F0 | c5 0d |
| 2018/02/10 | 06:07:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2018/02/10 | 06:07:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/02/10 | 06:07:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/02/10 | 06:07:36.0 | XRT_PREFLR_STRT_406_OG [0x196] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2018/02/10 | 06:10:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2018/02/10 | 06:34:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2018/02/10 | 06:35:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_Custom_430_OG [0x1ae] | 1 | 07-F0 | c0 |
| 2018/02/10 | 07:48:00.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2018/02/10 | 07:48:02.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/02/10 | 07:48:04.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/02/10 | 07:48:06.0 | XRT_PREFLR_STRT_406_OG [0x196] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2018/02/10 | 07:51:14.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2018/02/10 | 08:11:00.0 | XRT_Custom_430_OG [0x1ae] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| 2018/02/10 | 08:12:00.0 | XRT_CTRL_AUTO_424_OG [0x1a8] | MDP_XRT_Custom_430_OG [0x1ae] | 1 | 07-F0 | c0 |
| 2018/02/10 | 09:27:30.0 | XRT_CTRL_MANU_400_OG [0x190] | MDP_XRT_CTRL_AUTO | 1 | 07-F0 | c0 |
| 2018/02/10 | 09:27:32.0 | XRT_CTRL_MANU_402_OG [0x192] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/02/10 | 09:27:34.0 | XRT_FLD_RESET_415_OG [0x19f] | MDP_XRT_CTRL_MANU | 1 | 07-F0 | c1 |
| 2018/02/10 | 09:27:36.0 | XRT_PREFLR_STRT_406_OG [0x196] | MDP_XRT_FLD_RESET | 1 | 07-F0 | da |
| 2018/02/10 | 09:30:44.0 | XRT_PREFLR_STOP_419_OG [0x1a3] | MDP_XRT_PREFLR_STRT | 1 | 07-F0 | e8 |
| 2018/02/10 | 10:35:00.0 | AOCS_ORe-point_Start_3_OG [0x099] | MDP_XRT_PREFLR_STOP | 1 | 07-F0 | e9 |
| | | AOCU_NM | | 5 | 02-76 | 00 00 00 00 00 |